Index of Claims

| Application | /Control No |
|-------------|-------------|
|-------------|-------------|

10/646,236

Examiner

Tiffany Webb

Applicant(s)/Patent under Reexamination

KAWASAKI ET AL.

Art Unit

3616

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | ١ | Appeal   |
|---|---|----------|
| C | ) | Objected |

|              |  | Щ.           | L  |          |   |            | 1  |  | لـــا  |          |  |
|--------------|--|--------------|--|----------|---|------------|--|--|--|----------|--|
|              |  |              |  |          |   |            |  |  |  |          |  |
| Cla          | im                                     | Date         |  |          |   |            |  |  |  |          |  |
|              |  |              |  |          |   |            |  |  |  |          |  |
| Final        | Original                               | 9/7/05       |  |          |   |            |  |  |  |          |  |
| i.E          | .E                                     | 16           |  |          |   |            |  |  |  |          |  |
|              | 0                                      | -            |  |          |   |            |  |  |  |          |  |
| $\vdash$     | 1                                      | V            | $\vdash$   |          |   |            |  |  |  |          |  |
|              | 1<br>2<br>3<br>4<br>5<br>6             | 7 7 7        |  | $\vdash$ |   | _          |  | _  |  |          |  |
|              | 3                                      | 1            | П  | П        |   |            |  |  |  | П        |  |
|              | 4                                      | 1            |  |          |   | -          |  |  | _  |          |  |
|              | 5                                      | Ė            | $\vdash$   | _        |   |            | $\vdash$   |  |  | $\Box$   |  |
|              | 6                                      | -            | -  |          |   | 1          |  |  |  | Н        |  |
|              | 7                                      |              | $\vdash$   |          | $\vdash$  | ┢          |  |  |  | $\dashv$ |  |
| _            | 8                                      | Т            |  | Н        | -   | _          |  |  |  | $\vdash$ |  |
| _            | 9                                      | $\vdash$     |  | ┢        | <del> </del>  | _          | Н  | $\vdash$   |  | Н        |  |
| -            | 8<br>9<br>10                           | -            |  | <u> </u> | $\vdash$  | $\vdash$   | H  | Н  |  | Н        |  |
|              | 11                                     | $\vdash$     | H  | $\vdash$ | $\vdash$  | $\vdash$   | $\vdash$   | $\vdash$   | _  | Н        |  |
|              | 12                                     | $\vdash$     | $\vdash$   | $\vdash$ | <del>                                     </del>  | $\vdash$   | -  | $\vdash$   | $\vdash$   | Н        |  |
| $\vdash$     | 12                                     | $\vdash$     | $\vdash$   | $\vdash$ | ├   | $\vdash$   | -  | ⊢  | $\vdash$   | Н        |  |
| <del> </del> | 11<br>12<br>13<br>14<br>15<br>16<br>17 | 1            | ┢  | $\vdash$ | $\vdash$  |            | $\vdash$   | -  | -  | Н        |  |
| <del> </del> | 15                                     | $\vdash$     | $\vdash$   | -        | $\vdash$  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | H        |  |
| ├─           | 10                                     | <del> </del> | $\vdash$   | $\vdash$ | $\vdash$  | ├          | ⊢  | <del> </del>                                     | $\vdash$   | H        |  |
| <u> </u>     | 17                                     | $\vdash$     | <del> </del>                                     |          |   | -          | $\vdash$   | $\vdash$   | <del>-</del>                                     | $\vdash$ |  |
| <u> </u>     | 17                                     | ⊢            | <u> </u>   |          | -   | $\vdash$   | -  | ⊢  | H  | Н        |  |
| _            | 10                                     | ├            | -  | -        | <u> </u>  | ⊢          | ⊢  | ⊢  | -  | Н        |  |
|              | 19<br>20<br>21<br>22<br>23             | ├            | $\vdash$   | -        | _   | ⊢          | _  | _  | -  | Н        |  |
|              | 20                                     | -            | <u> </u>   |          | ┞   | <u> </u>   | _  |  | <u> </u>   | Н        |  |
|              | 21                                     | ├-           | L  | _        | ⊢   | _          | _  | <u> </u>   | -  | Н        |  |
|              | 22                                     |              | _  |          | <u> </u>  | _          | <u> </u>   | _  | _  | Н        |  |
|              | 23                                     | <u> </u>     | <u> </u>   | <u> </u> | L.  | <u> </u> _ | <u> </u>   | <u> </u>   |  | Ы        |  |
|              | 24<br>25<br>26<br>27<br>28<br>29<br>30 | ┡            | <u> </u>   | <u> </u> | ļ   | _          | <u> </u>   | <u> </u>   | _  | Н        |  |
|              | 25                                     | <u> </u>     | _  | ╙        | <u> </u>  | L          | _  | _  | _  | Н        |  |
|              | 26                                     | <u> </u>     | _  | _        | _   | <u> </u>   | _  | _  | _  | Ш        |  |
|              | 27                                     | <u> </u>     | L.   | L        | _   | <u>_</u>   | <u> </u>   |  |  | Ш        |  |
|              | 28                                     | Ļ.           | _  | <u> </u> |   | _          | <u> </u>   | L  | _  | Ш        |  |
|              | 29                                     | L            | _  | L        | _   | _          | <u> </u>   | _  | _  | Ш        |  |
|              | 30                                     |              | _  | _        | $ldsymbol{ld}}}}}}$ |            |  |  |  | Ш        |  |
| <u> </u>     | 31                                     | <u> </u>     | <u> </u>   | <u> </u> | _   | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | Ш        |  |
|              | 32                                     | <u>_</u>     | <u>L</u>   | <u> </u> | <u> </u>  | <u> </u>   | <u> </u>   | <u></u>  | <u> </u>   | Ш        |  |
| <u> </u>     | 33                                     | $oxed{oxed}$ |  | <u> </u> | _   | <u></u>    | L  |  | <u> </u>   | Ш        |  |
|              | 34                                     | L            |  | <u> </u> | L   |            |  | <u> </u>   | <u> </u>   | Ш        |  |
|              | 35<br>36                               | $oxed{oxed}$ | $oxed{oxed}$                                     | _        | _   | <u></u>    | <u>_</u>   | 匚  | 乚  | Ш        |  |
|              | 36                                     |              |  |          |   |            |  | L  |  | Ш        |  |
| $\Box$       | 37                                     |              |  |          | <u> </u>  |            | _  |  |  | Ш        |  |
|              | 38                                     | ┕            |  |          | L   |            |  |  |  | Ш        |  |
|              | 39                                     | 匚            |  | L        | 匚   |            |  |  |  | $\Box$   |  |
|              | 40                                     | L            | 匚  | L        | 匚   | _          | $oxedsymbol{oxed}$                               |  |  | Ш        |  |
|              | 41                                     | 匚            | 匚  | 匚        | 匚   | $\Box$     | $\Box$   |  |  | Ш        |  |
|              | 42                                     |              |  |          |   |            |  |  |  |          |  |
|              | 43                                     |              |  |          |   |            |  |  | L  |          |  |
|              | 44                                     | Π            |  | Г        |   |            |  |  | Π  | П        |  |
|              | 45                                     | $I^{T}$      | Г  | Г        | Π   | Г          |  |  | Π  | П        |  |
|              | 46                                     | $\vdash$     | П  |          |   |            | Г  | Г  |  | П        |  |
|              | 47                                     | T            | T  | T        | Т   | $\vdash$   | $\vdash$   | <del>                                     </del> | T  | П        |  |
| h            | 48                                     | т            | <u> </u>   | $\vdash$ | <del>                                     </del>  | $\vdash$   | $\vdash$   | $t^-$  | $\vdash$   | Н        |  |
| <b></b>      | 49                                     | т            | $\vdash$   | $\vdash$ | Н   | H          | <del>                                     </del> | <del> </del>                                     | 1  | Н        |  |
|              | 50                                     | ╁╌           | <del>                                     </del> | +-       | <del> </del>  | $\vdash$   | -  | ╁  | <del>                                     </del> | $\vdash$ |  |
| Ь            | 100                                    | _            |  | L_       |   | Ц_         | L  | Ц.   | Ц.   | ш        |  |

| Cla          | aim                              | Date         |  |  |  |  |              |          |  |  |  |
|--------------|----------------------------------|--------------|--|--|--|--|--------------|----------|--|--|--|
|              |                                  |              |  |  |  |  |              |          |  |  |  |
| <u>a</u>     | Original                         |              |  |  |  |  |              |          |  |  |  |
| Final        | rig                              |              |  |  |  |  |              |          |  |  |  |
| _            | 0                                |              |  |  |  |  |              |          |  |  |  |
|              | 51                               | _            | _  |  |  |  |              |          | _  |  |  |
|              | 52                               |              |  | -  |  |  |              |          |  |  |  |
|              | 51<br>52<br>53<br>54             | _            | Г  |  |  |  | -            |          |  |  |  |
|              | 54                               | $\vdash$     | $\vdash$   |  | _  |  |              |          |  |  |  |
|              | 55<br>56                         | Т            |  | Г  | Г  |  |              |          |  |  |  |
|              | 56                               | _            | _  | ┢  | ┢  |  |              | -        |  | _  |  |
|              | 57                               | _            | _  | <del>                                     </del> | $\vdash$   |  |              |          |  | _  |  |
|              | 58                               |              | _  | _  | $\vdash$   |  |              | _        |  | $\vdash$   |  |
|              | 58<br>59                         |              |  | $\vdash$   | $\vdash$   | _  | Г            |          |  | _  |  |
|              | 60                               | $\vdash$     | $\vdash$   | $\vdash$   | ┢  | Н  | Н            |          |  | _  |  |
| -            | 61                               |              | $\vdash$   | T  | $\vdash$   | Н  |              |          |  | ┪  |  |
|              | 61<br>62                         | $\vdash$     | $\vdash$   | ┢  |  | _  | _            |          | _  | _  |  |
| <b>—</b>     | 63                               | $\vdash$     | ┪  | <del>                                     </del> | _  | _  | Т            | $\vdash$ | _  | _  |  |
| -            | 63<br>64<br>65                   | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   | <del>                                     </del> |  |
|              | 65                               | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   |  |
| -            | 66                               | ┝            | -  | -  | $\vdash$   | H  |              | H        | ┢  | ┢  |  |
|              | 67                               | $\vdash$     | $\vdash$   |  | <del>                                     </del> | ┝  | _            | _        | <del>                                     </del> | <del>                                     </del> |  |
| -            | 68                               | $\vdash$     |  | $\vdash$   | ┢  | $\vdash$   | -            |          | -  | <del> </del>                                     |  |
| <del> </del> | 68<br>69<br>70<br>71<br>72<br>73 | <del> </del> | -  | $\vdash$   | <del>  -</del>                                   | -  | -            | -        | $\vdash$   | $\vdash$   |  |
| <del> </del> | 70                               | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   |  | -            | $\vdash$ | $\vdash$   | $\vdash$   |  |
| $\vdash$     | 71                               | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   |              | $\vdash$ | ├  | $\vdash$   |  |
| -            | 72                               | $\vdash$     | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$   | ╌            | $\vdash$ | $\vdash$   | $\vdash$   |  |
| <del> </del> | 72                               | ├            | ⊢  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   |  |
| -            | 74                               | $\vdash$     | $\vdash$   | $\vdash$   | -  | $\vdash$   | -            |          | -  | -  |  |
| $\vdash$     | 74<br>75<br>76<br>77             | ┝∸           | $\vdash$   | <del> </del>                                     | -  | ├  | $\vdash$     | $\vdash$ | _  | $\vdash$   |  |
| $\vdash$     | 76                               | $\vdash$     | -  | $\vdash$   | $\vdash$   | $\vdash$   | -            |          | $\vdash$   | $\vdash$   |  |
| -            | 77                               | -            | ├-   | <del>                                     </del> | $\vdash$   | $\vdash$   | ┢            | $\vdash$ | ┢  | $\vdash$   |  |
| $\vdash$     | 78                               | <del> </del> | <del>                                     </del> | 1  | ╁  | $\vdash$   | $\vdash$     | $\vdash$ | <del>                                     </del> | ┢  |  |
| <b>—</b>     | 78<br>79<br>80                   | $\vdash$     |  | ╁╌   | <del>  -</del>                                   | -  | $\vdash$     | $\vdash$ | $\vdash$   | -  |  |
|              | 80                               | $\vdash$     | $\vdash$   | +-   | -  |  | ┢            | $\vdash$ | $\vdash$   | $\vdash$   |  |
| $\vdash$     | 81                               | $\vdash$     | ⊢  | <del> </del>                                     | -  | -  | $\vdash$     | $\vdash$ | $\vdash$   | -  |  |
| $\vdash$     | 82                               | -            | $\vdash$   | $\vdash$   | $\vdash$   | ├  | -            | $\vdash$ | -  | <del> </del>                                     |  |
| <u> </u>     | 82<br>83                         | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | -  | -            | $\vdash$ | ┢  | -  |  |
| -            | 84                               | -            | ╁  | +-   | -  | ├-   | -            | -        | ┢╾   | $\vdash$   |  |
| -            | 84<br>85                         | -            | ⊢  | $\vdash$   | $\vdash$   | $\vdash$   | -            | -        |  | $\vdash$   |  |
| -            | 86                               | $\vdash$     | ╁  | ╁  | $\vdash$   | -  | -            | -        | ├  | $\vdash$   |  |
|              | 87                               | $\vdash$     | -  | -  | -  | $\vdash$   | ├            | $\vdash$ | $\vdash$   | ├-   |  |
| -            | 88                               | $\vdash$     | 1  | $\vdash$   | -  | $\vdash$   | $\vdash$     | -        | -  | -  |  |
| -            | 89                               | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | -  | $\vdash$   |  |
| -            | 90                               | $\vdash$     | $\vdash$   | <del>                                     </del> | -  | <del> </del>                                     |              | -        | -  | $\vdash$   |  |
| $\vdash$     | 90                               |              | ┢  | -  | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$ | -  | ⊢  |  |
| -            | 92                               | -            | ╁  | $\vdash$   | $\vdash$   |  | $\vdash$     | -        |  | ⊢  |  |
| $\vdash$     | 93                               | $\vdash$     | ╁  | $\vdash$   | $\vdash$   | -  | ├-           | ├        | $\vdash$   | -  |  |
| -            | 94                               | $\vdash$     | $\vdash$   | ┼─   | $\vdash$   | -  | $\vdash$     | $\vdash$ | $\vdash$   | ⊢  |  |
|              |                                  | ├-           |  | ├-   | +-   | $\vdash$   | $\vdash$     | -        | $\vdash$   | -  |  |
|              | 95                               | $\vdash$     | -  | ╁  | ├  | ╌  | ├            | -        | $\vdash$   | -  |  |
| -            | 96                               | ⊢            | ┼-   | ╁  | ├  | ├  | <del> </del> | -        | ⊢  | ├  |  |
|              | 97                               | ⊢            | <del> </del>                                     | ├-   | ├-   | ⊢  | -            | $\vdash$ | ⊢  | -  |  |
|              | 98                               | -            | -  | ⊢  | ⊢  | ⊢  | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   |  |
| <u> </u>     | 99                               | $\vdash$     | -  | 1  | ⊢  | ⊢  | ├-           | ⊢        | -  | $\vdash$   |  |
| L            | 100                              | Ц.           |  | <u></u>  | L  | 1  | <u> </u>     | L_       | <u> </u>   | L  |  |

| Cl           | aim                             |          |  |              | [   | Date     |  |  |              |          |
|--------------|---------------------------------|----------|--|--------------|---|----------|--|--|--------------|----------|
|              |                                 |          |  |              |   |          |  |  |              |          |
| Final        | Original                        |          |  |              |   |          |  |  |              |          |
| 這            | į                               |          |  |              |   |          |  |  |              | ı        |
|              |                                 |          |  |              |   |          |  |  |              | ı        |
|              | 101<br>102                      |          |  |              |   |          |  |  |              |          |
|              | 102                             |          |  |              |   |          |  |  |              | $\Box$   |
|              | 103                             |          |  |              |   |          |  |  |              |          |
|              | 103<br>104                      |          |  |              |   |          |  |  |              |          |
|              | l 105                           |          |  |              |   |          |  |  |              |          |
|              | 106<br>107                      |          |  |              |   |          |  |  |              |          |
|              | 107                             |          |  |              |   |          |  |  |              |          |
|              | 108                             |          |  |              |   |          |  |  |              |          |
|              | 109                             |          |  |              |   |          |  |  |              |          |
|              | 110                             |          |  |              |   |          |  |  |              |          |
|              | 111                             |          |  |              |   |          |  |  |              |          |
|              | 112                             |          |  |              |   |          |  |  |              |          |
|              | 112<br>113                      |          |  | L            | L   | Щ        | $oxedsymbol{oxed}$                               | <u> </u>                               |              |          |
|              | 114<br>115                      |          |  |              | L   | Ш        |  |  | Ш            | Ш        |
|              | 115                             |          |  |              |   |          |  |  | L.           |          |
|              | 116                             | _        | _  | _            | _   | L        | <u> </u>   |  | $oxed{oxed}$ | Ш        |
|              | 117                             |          | _  |              | _   | _        | L  |  |              |          |
|              | 118                             |          | L  | _            |   |          | L  |  |              |          |
|              | 119<br>120                      |          |  | 匚            | _   |          |  |  |              |          |
|              | 120                             |          | <u> </u>   |              | <u>L</u>  | L        | L  |  |              | Ш        |
|              | 121                             | <u> </u> |  |              |   |          | _  | _                                      |              |          |
|              | 122                             | _        | _  | _            | $ldsymbol{le}}}}}}$ | L_       | ļ  |  | Ш            | Ш        |
|              | 123                             | <u> </u> | 匚  |              | _   | L        | 匚  | _                                      |              | Ш        |
|              | 122<br>123<br>124<br>125<br>126 |          | L.   | _            |   |          | 匚  | <u> </u>                               |              | Щ        |
|              | 125                             | _        | ╙  | _            |   |          | <u> </u>   |  | <u> </u>     | Щ        |
| ļ            | 126                             |          | <u> </u>   |              | <u> </u>  | <u> </u> | <u> </u>   |  |              | Н        |
|              | 127<br>128<br>129               | _        | <u> </u>   | _            | <u> </u>  |          | <u> </u>   | ┡                                      | _            | Ш        |
|              | 128                             | ļ        | _  | _            | ļ   | _        | ┡  | _                                      | <u> </u>     | Н        |
|              | 129                             | <u> </u> | _  | <u> </u>     |   | <u> </u> | <u> </u>   | -                                      | _            | Н        |
|              | 130<br>131                      | <u> </u> | <u> </u>   | ⊢            | _   | <u> </u> |  | $\vdash$                               | L            | Н        |
|              | 131                             |          | <u> </u>   | _            | _   | <u> </u> | <u> </u>   | <u> </u>                               | _            | $\vdash$ |
|              | 132                             | _        | ⊢  | -            | -   | _        | <u> </u>   | -                                      | -            | $\vdash$ |
| <u> </u>     | 133<br>134                      | _        | <del> </del>                                     | _            | <u> </u>  | _        | _  |  | ⊢            | -        |
| ┝            | 134                             | ├        | ⊢  | ⊢            | _   | ┝        | -  | ⊢                                      | -            | Н        |
|              | 135<br>136                      |          | ┢  | -            | <del> </del>  | ⊢        | ⊢  | ⊢                                      | -            | Н        |
| <u> — </u>   | 137                             | -        | -  | -            | <del> </del>  | -        | -  | -                                      | ⊢            | Н        |
|              | 137                             | -        | -  | ├            | ┝   | -        | -  | -                                      | ⊢            | H        |
| -            | 138<br>139                      | ┢        | -  | ┢            | ⊢   | -        | -  | ⊢                                      | -            | Н        |
| <u> </u>     | 140                             | ⊢        | $\vdash$   | ├-           | -   | ├        | -  | ⊢                                      | ⊢            | Н        |
|              | 444                             | -        | $\vdash$   | ├            | ├   | ⊢        | ├  | <del> </del>                           | -            | Н        |
|              | 141                             | ⊢        | ├  | ┝            | ⊢   | ├─       | ⊢  | $\vdash$                               | -            | Н        |
|              | 143                             | $\vdash$ | -  | <del> </del> | ├-  | $\vdash$ | $\vdash$   | $\vdash$                               | $\vdash$     | $\vdash$ |
| ├─-          | 144                             | +-       | <del>                                     </del> | $\vdash$     | $\vdash$  | $\vdash$ | <del> </del>                                     | -                                      | ┢            | -        |
| <del> </del> | 145                             | -        | $\vdash$   | $\vdash$     | $\vdash$  | ⊢        | <del>                                     </del> | $\vdash$                               | $\vdash$     | $\vdash$ |
| <del> </del> | 146                             | -        | $\vdash$   | ╁            | ├-  | ₩        | $\vdash$   | $\vdash$                               | ╁            | -        |
| <del> </del> | 147                             | -        | <del> </del>                                     | $\vdash$     | $\vdash$  | -        | -  | <del> </del>                           | ⊢            | -        |
|              | 148                             | ├-       | -  | $\vdash$     | ╁   | ├        | -  | ⊢                                      | ┢            | $\vdash$ |
|              | 149                             |          | -  | ╌            | ├   | ⊢        | -  | $\vdash$                               | ├-           | -        |
|              | 150                             | ₩        | $\vdash$   | -            |   | -        | -  | $\vdash$                               | ├-           | -        |
| L            | 130                             | <u> </u> | Ц.   | Ц.,          | Ц.  | <u> </u> | <b>L</b> _                                       | ــــــــــــــــــــــــــــــــــــــ | _            | <u> </u> |